

REMARKS/ARGUMENTS

Statuses of claims are amended as the Examiner's suggestions.

Claim 13 is first amended by deleting the unpatentable phrase which was inserted in the previous amendment and related to a method.

To overcome the Examiner's rejections as anticipated by the cited references, claim 13 is then amended by restricting materials of the mirror which were originally described in claims 18~25. The mirror can be made from a composite excluding those disclosed in Yang's disclosure. Alternatively, the mirror can be specific metals or alloys when the LED epitaxial structure is made from specific materials. Particularly, the mirror in this invention is only used to reflect light beams but not serves as an ohmic contact or any other functions.

Claims 16~17 were canceled in the earlier amendment.

Claims 14, 18~25 are canceled in this amendment as the characteristics described in these claims are combined into claim 13.

The Applicant believes that the amended claim 13 with the specific mirror is no longer anticipated by the cited references.

Claim 13 is further amended by limiting the pattern or format of the metal substrate with sawing streets on the wafer. The Applicant thinks that the structure and function of the sawing streets can be easily understood by people skilled in this art, so there is no need to define this term in a claim in detail. In the specification, the sawing streets and the wafer are described in the process for manufacturing LEDs. For example,

(1) A wafer can be defined during manufacturing the LED, according to FIG. 2 and paragraph [0021]:

[0021] ... The glass substrate 29 is previously coated with epoxy or wax, and then attached to the wafer at 70-150°C.

(2) A pattern or format characteristic of the plated metal substrate can be found in FIG. 8 and paragraphs [0013] and [0027]:

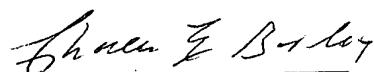
[0013] ... Preferably, sawing streets of the wafer is retained without plating the substrate thereon.

[0027] ... That is, sawing streets for dicing are temporarily covered without plating copper thereon.

The Applicant believes that the above characteristic of a LED wafer has not been found in Ishikawa's, Chen's, Yang's or Jou's teaches.

The Applicant also believes that the amendments and remarks/arguments are a complete response to the Examiner's rejections, and thus respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



Charles E. Baxley
Attorney of Record, Reg. 20,149
90 John Street-Suite 309
New York, N.Y. 10038-3243
U.S.A.

Telephone: (212) 791-7200
Facsimile: (212) 791-7276
E-mail: ceb@hartbaxley.com